

Title (en)

POWER HEADROOM REPORTING WITH CHANNEL SELECTION

Title (de)

LEISTUNGSRESERVEBERICHTERSTATTUNG MIT KANALAUSWAHL

Title (fr)

RAPPORT DE MARGE DE PUISSANCE AVEC SÉLECTION DE CANAL

Publication

EP 3251430 B1 20231101 (EN)

Application

EP 15880649 A 20151218

Priority

- US 201562109503 P 20150129
- US 2015066772 W 20151218

Abstract (en)

[origin: WO2016122803A1] Systems, apparatus, user equipment (UE), evolved node B (eNB), and methods are described for generating an extended power headroom report (ePHR) based on an uncertainty associated with a physical downlink control channel communication granting an uplink grant for a physical uplink shared channel communication when the system is configured for simultaneous physical uplink shared channel and physical uplink control channel communications. Some embodiments are structured to generate the ePHR using a type 2 report regardless of the uncertainty associated with the ePHR, while other embodiments generate the ePHR using a reference format. In some embodiments, a UE communicates a timing field with a UE capability communication indicating whether the UE meets timing requirements to avoid uncertainty in ePHR communications.

IPC 8 full level

H04W 52/36 (2009.01); **H04W 72/04** (2023.01)

CPC (source: CN EP KR US)

H04L 5/001 (2013.01 - KR); **H04W 52/365** (2013.01 - CN EP KR US); **H04W 72/1268** (2013.01 - KR); **H04W 72/23** (2023.01 - KR US)

Citation (examination)

MEDIATEK: "Clarification of P_{max,c} value used in PHR for Rel-10", 3GPP DRAFT; R4-111750, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG4, no. Shanghai, China; 20110411, 6 April 2011 (2011-04-06), XP050501785

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